

Integration Test Center at the University of Maryland



Building CHP integrated systems are being evaluated at a test bed at the University of Maryland. Facility serves as a platform to integrate equipment into CHP systems, test advanced sensors and control systems, and provide essential technical knowledge to manufacturing partners.



CHP System 2

SOLID DESICCANT SYSTEM 40 kW (136,000°) Exhaust @ 225° F MICROTURBINE (MT) 3000 CFM of dry air to RTU2 Natural Gas 150 kW (512,000°) 215 kW Exhaust @ 600° F 63 kW (18 tons) chilled (734,000°) water to RTU 2 Air to Zone 2 ABSORPTION CHILLER Btu/hr 59 kW electric power to building

CHP System 1







